

## IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re US Patent Application of )  
Boris A. Olshvanger and Gregory Bogorodzki )  
Filed: Simultaneously herewith. )  
Titled: IMPROVED ENTRANCE WINDOW )  
FOR GAS FILLED RADIATION )  
DETECTORS ) Date:

INFORMATION DISCLOSURE STATEMENT

Commissioner for Patents  
P.O. Box 1450  
Alexandria VA 22313-1450

Dear Sir:

Attached hereto is the following patent document that is listed on attached Form  
PTO/SB/08A:

United States Patent No. 3,296,478, issued January 3, 1967, to Ichinokawa, and titled  
PROPORTIONAL COUNTER HAVING A POLYCARBONATE WINDOW, describes  
proportional counter in which mica or beryllium windows are replaced with  
polycarbonate in order to satisfactorily detect carbon in a fluorescent X-ray analyzer or  
an electron probe X-ray microanalyzer.

United States Patent No. 3,196,200, issued October 28, 1975, to Sparks, Jr. et al., and  
titled WINDOW FOR RADIATION DETECTORS AND THE LIKE, describes an  
ionizing radiation detector in which the beryllium window is replaced with a graphite  
window.

ALL REFERENCES CONSIDERED EXCEPT WHERE LINED THROUGH. /A.S./

INFORMATION DISCLOSURE STATEMENT  
Inventors: Boris A. Olshvanger and Gregory Bogorodz

PATENT  
150-125

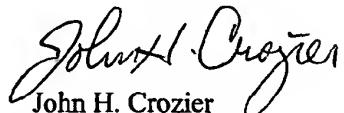
United States Patent No. 4,178,509, issued December 11, 1979, to more et al., and titled SENSITIVITY PROPORTIONAL COUNTER WINDOW, describes a proportional counter window comprising beryllium sealed with thin layer of a thermoplastic material.

United States Patent No. 4,933,557, issued June 12, 1990, to Perkins et al. and titled RADIATION DETECTOR WINDOW STRUCTURE AND METHOD OF MANUFACTURING THEREOF, describes a support structure for a radiation detector window, comprising a frame with a plurality of ribs having smoothed and rounded tops which contact the window.

United States Patent No. 5,013,922, issued May 7, 1991, to Little et al., and titled REDUCED THICKNESS RADIATION WINDOW FOR AN IONIZATION DETECTOR, describes an X-ray detector in which the collimator support or the collimators themselves press against edges of the outside of the window of the detector, thus permitting the window to be much thinner than usual.

United States Patent No. 5,345,083, issued September 6, 1994, and titled X-RAY DETECTOR COMPRISING AN IMPROVED ENTRANCE WINDOW, describes an X-ray detector in which the electrically conductive layer on the inside of the window thereof is formed from iridium, platinum, gold, or a mixture thereof.

Respectfully submitted,



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ALL REFERENCES CONSIDERED EXCEPT WHERE LINED THROUGH. /A.S./

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Substitute for form 1449A/PTO				Complete if Known	
<b>INFORMATION DISCLOSURE STATEMENT BY APPLICANT</b> <i>(use as many sheets as necessary)</i>				Application Number	09/10/2003
				Filing Date	Boris A. Olshvanger
				First Named Inventor	
				Group Art Unit	
				Examiner Name	
Sheet	1	of	1	Attorney Docket Number	150-125

**U.S. PATENT DOCUMENTS**

## FOREIGN PATENT DOCUMENTS

Examiner Signature	/Andrew Smyth/ (06/12/2008)	Date Considered	
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**\*EXAMINER:** Initial if reference considered, whether or not citation is in conformance with MPEP 509. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

<sup>1</sup> Unique citation designation number. <sup>2</sup> See attached Kinds of U.S. Patent Documents. <sup>3</sup> Enter Office that issued the document, by the two-letter code (WPO Standard ST.3). <sup>4</sup> For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. <sup>5</sup> Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. <sup>6</sup> Applicant is to place a check mark here if English language Translation is attached.

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